

Order-No.: DD+DIS142.01E



1 Piece USYVM MA1

# ADC System Components

## Type 4406

### Modification Instructions

Please file this document in section 10  
of the Technical Documentation ADC System Components

### Patch from VIPS.1.1.09 to VIPS.1.1.11

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## 1 General Information

### 1.1 Software Prerequisites

The Patch VIPS.1.1.11 can only be installed, if you already have **VIPS.1.1.09** installed on the ADC Processing Station (VIPS).

|                                     |               |
|-------------------------------------|---------------|
| ADC Compact Digitizer:              | ≥ COP1215,    |
| ADC Solo Digitizer:                 | ≥ SOL1108,    |
| PRID (Preview & Identification SW): | ≥ PRID 1.2.09 |

(It is also possible to work with PRID 1.2.07, but this version includes the safety problem “StudyUID of an Examination combined with wrong Patient Data”, so it is strongly recommended not to use PRID 1.2.07)

### 1.2 Main Changes in VIPS.1.1.11

- **Changing patient demographics in the “Info screen” always results in new Study UID. This was a safety and hazard issue and solved with VIPS.1.1.11 now!**
- Full leg / Full spine images, measurement problems are solved
- The way to change patient data in the “Info screen” changed (see Appendix A)

### 1.3 Order Number and Scope of Delivery

**Order number: EB+44060003**

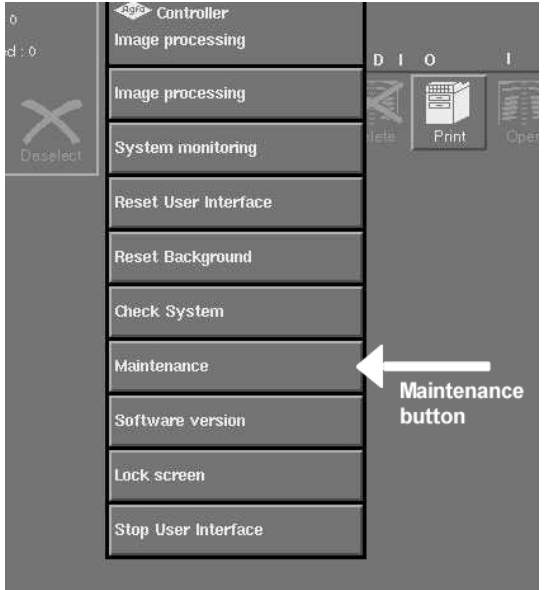
**Scope of delivery of Software Kit VIPS.1.1.11:**

|                 |                                                               |
|-----------------|---------------------------------------------------------------|
| 2 CD ROM        | MIMOSA VIPS.1.1.09 + MIMOSA OS AGOS.A.0.6.03                  |
| 1 Floppy disk   | Upgrade support floppy                                        |
| 1 Floppy disk   | Language disk LNG1.0.05 for the (V)DIPS Software ≥ DIPS1.0.03 |
| 1 Floppy disk   | Empty disk, necessary for the upgrade procedure               |
| 2 DAT-tapes     | Necessary for the backup of the system disk                   |
| 5 Floppy disks  | CCM tool version 1.1.05                                       |
| 1 Floppy disk   | ADB configuration tool with documentation                     |
| 1 Floppy Disk   | Printer definition files                                      |
| 1 Documentation | Upgrade procedure VIPS.1.1.09                                 |
| 1 Documentation | Printer definition files installation                         |
| 1 CD ROM        | MIMOSA VIPS.1.1.11                                            |
| 1 Documentation | Upgrade procedure VIPS.1.1.11                                 |

### 1.4 Required Time for the Upgrade

Less than 15 minutes

## 2 Installation Description of Patch VIPS.1.1.11

| No. | Procedure Steps                                                                                                                                              | Display / Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Click on the Controller button, select <b>&lt;Maintenance&gt;</b> , enter password and hit <b>&lt;Return&gt;</b>                                             |  <p>The screenshot shows a menu titled 'Controller' with the following options: Image processing, Image processing, System monitoring, Reset User Interface, Reset Background, Check System, Maintenance, Software version, Lock screen, and Stop User Interface. The 'Maintenance' option is highlighted, and a white arrow points to it with the label 'Maintenance button'.</p> |
| 2.  | Select:<br><b>&lt;4&gt;</b> to select <b>Tools</b> and hit <b>&lt;Return&gt;</b><br><b>&lt;1&gt;</b> to select <b>Terminal</b> and hit <b>&lt;Return&gt;</b> | Type in the command:<br><b>IRC_stop_ui ; IRC_stop_back</b>                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3.  | Quit by hitting <b>&lt;Return&gt;</b>                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 4.  | Insert the CD-ROM in the drive and wait for the File Manager to pop up.                                                                                      | If you cannot open CD drive, type in:<br><b>eject cd</b> and hit in this case <b>&lt;Return&gt;</b>                                                                                                                                                                                                                                                                                                                                                                  |
| 5.  | Double click in on the icon <b>&lt;MIM_install_patch&gt;</b> in the File Manager                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6.  | Click <b>&lt;OK&gt;</b> without entering any parameter or argument and wait until a second terminal window pops up.                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7.  | Proceed with installation                                                                                                                                    | Answer the question <b>&lt;OK to proceed with installation of ChangingPatientData [yes,no,?,q]&gt;</b> with typing in <b>y</b>                                                                                                                                                                                                                                                                                                                                       |
| 8.  | Quit by hitting <b>&lt;Return&gt;</b>                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 9.  | Installation is finished                                                                                                                                     | The message <b>&lt;Patch ChangingPatientData successfully installed&gt;</b> is shown.                                                                                                                                                                                                                                                                                                                                                                                |
| 10. | Close the second terminal window                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 11. | Remove the CD-ROM by clicking in the File Manager: <b>&lt;File&gt;</b><br><b>&lt;Eject&gt;</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| No. | Procedure Steps                                                                                                                                                                  | Display / Comment |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 12. | Reboot by selecting:<br><3> to select <b>Repair</b> and hit <Return><br><10> to select <b>Add Options</b> and hit<br><Return><br><2> to select <b>Reboot</b> and hit<br><Return> |                   |

### 3 What's new in VIPS.1.1.11?

Because of security reasons it is no longer allowed to change patient identification data in the info screen unless under certain conditions.

The change applies only to the selected image in the info screen of which the change was made. Unless the image was copied on VIPS, in that case all copies will be updated.

If patient identification data are changed, all references to the original patient in other fields are automatically removed.

#### Manual changes in **Editable Patient Identification Information**

- Patient name (lastname)
- Patient first name (firstname)
- Birth date (birthdate)
- Sex (sex)
- Patient ID (pat\_code, the database field pat\_id is invisible!)

are automatically reflected in a change in all **Other Patient Identification Information**

- Study UID (study\_uid)
- Series UID (series\_uid)
- Image UID (image\_uid)
- Study ID (study\_id)

Additional editable fields, image related (pyramids), are:

- RIS ID (RIS\_ID, in fact containing the accession number)
- Patient weight, Patient ethnical group, Remark 1, Remark 2, Comment (user\_info\*)

## Appendix A:

### Operational Description of Patch VIPS.1.1.11

Changing editable patient identification data will involve following procedure:

- Editable patient identification data fields in the info screen are locked by default
- The user can unlock the fields by pushing a button “Change Patient Info”. As long as the patient info fields are unlocked, the “Update” or “All” buttons at the bottom are not accessible.
- The user can apply then changes in the editable patient identification data fields.
- The user can discard the changes by pushing the button “Cancel Patient Info Changes” or the button “Cancel” at the bottom.
- The user can confirm the changes by pushing the button “Confirm Patient Info Changes” and afterwards the “Update” button at the bottom to confirm the overall info changes.
- On discarding the patient info changes, the original data are restored and the fields are locked again.
- On confirming the patient info changes, the fields are locked but the new data are not stored in the database until the “Update” button at the bottom is pushed.  
Storing the new data means:
  - Introducing a new patient
  - Assigning this patients pat\_id to the selected image
  - Assigning the generated values to the selected image and to the new patient